09929714

Eldaem

5355092 1 demod

5313493 1 mod/demod BPSK

5369378 1 mod

6396880 mid detailed description 12-14

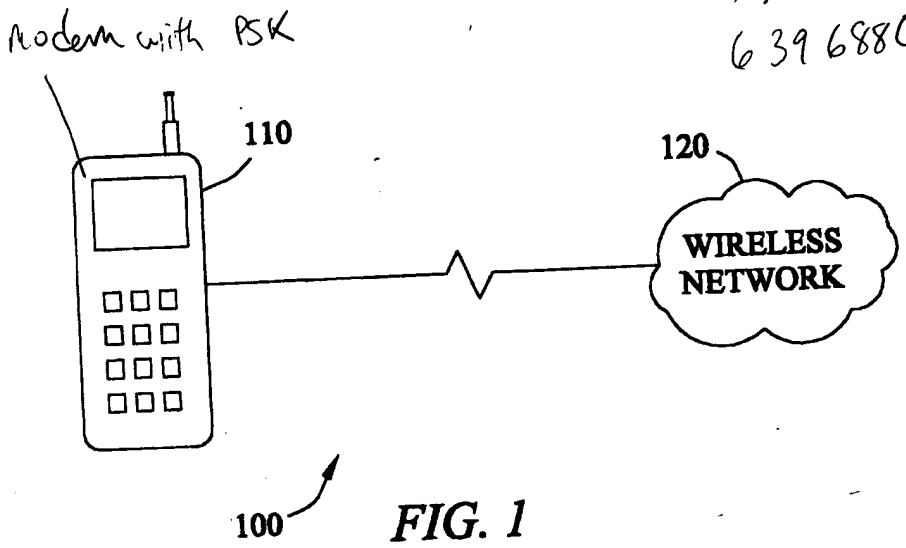

FIG. 1

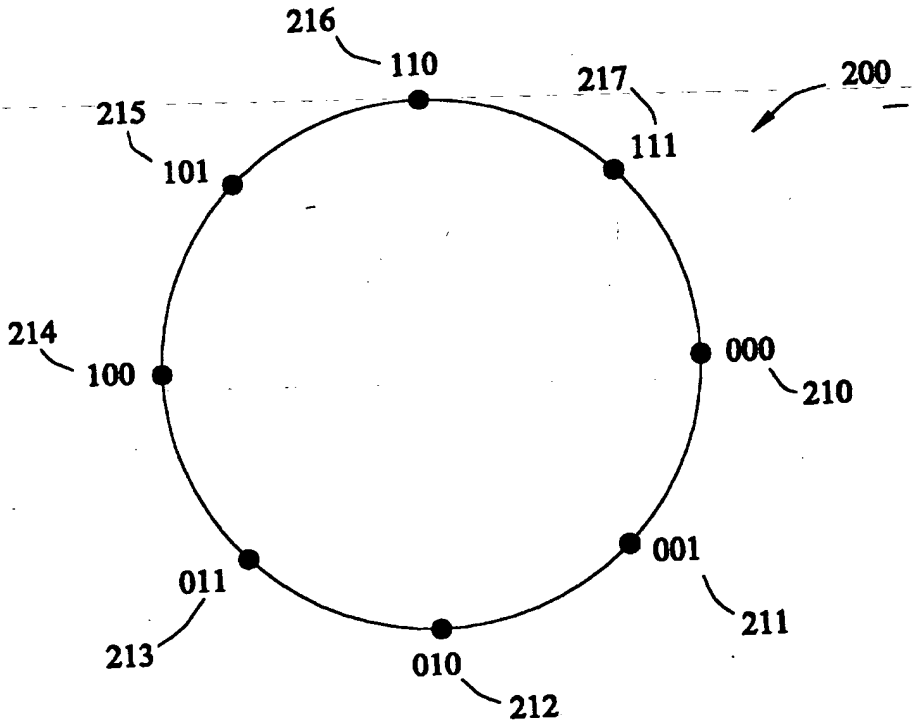

FIG. 2

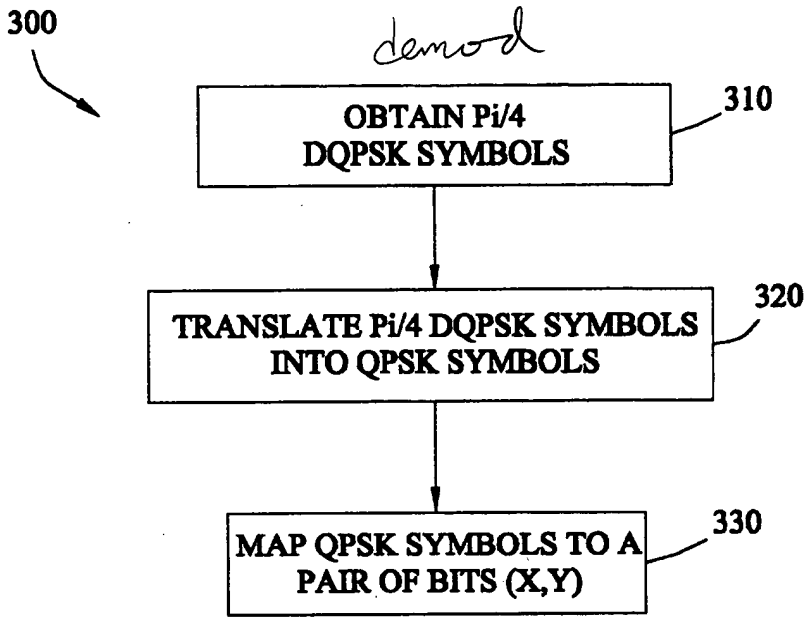
300
demod
OBTAIN Pi/4 DQPSK SYMBOLS
310
TRANSLATE Pi/4 DQPSK SYMBOLS INTO QPSK SYMBOLS
320
MAP QPSK SYMBOLS TO A PAIR OF BITS (X,Y)
330

FIG. 3

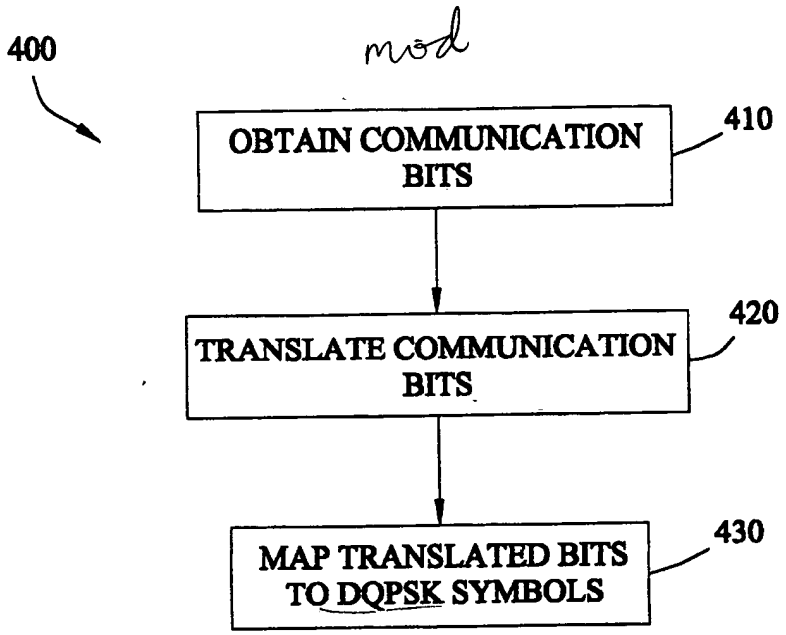
400
mod
OBTAIN COMMUNICATION BITS
410
TRANSLATE COMMUNICATION BITS
420
MAP TRANSLATED BITS TO DQPSK SYMBOLS
430

FIG. 4

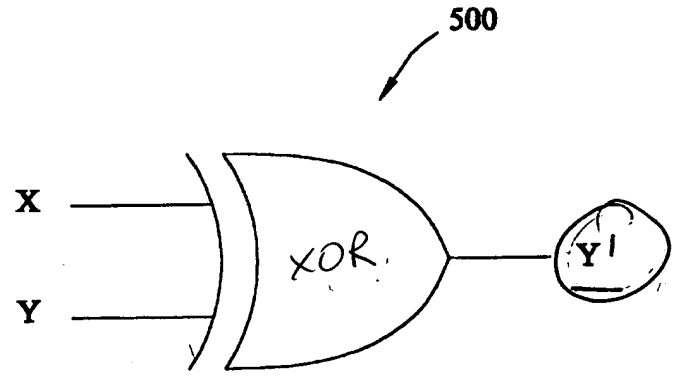
500
X
Y
XOR
Y1

FIG. 5